

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listing of claims in the application.

Listing of Claims

1-17 (Cancelled)

18. (Currently Amended) A communication control apparatus for exchanging information in a packet format, said apparatus comprising:

a transmission control unit having a repeated-transmission function for consecutively transmitting a plurality of packets each including the same user information, a sequence number of transmission in which said packet is transmitted and a frame check sequence for examination of an error; and

a reception control unit having a frame-check-sequence examining means for detecting an error, a packet-identity judging means and a reception-history control means provided with a reception-count counter for counting the number of times said packets have been received so far, ~~that is, substantially~~ for detecting said sequence number of transmission of a packet currently being received,

wherein said reception control unit carries out reception processing only if at least one of said packets transmitted consecutively is received successfully, and wherein information on an error is recorded only if all said packets transmitted consecutively are received unsuccessfully.

19. (Original) A communication control apparatus according to claim 18 wherein:
said information on an error includes information indicating a type of said error; and
said reception-history control means has an error-information generating means for selecting and outputting information on an error in accordance with a priority order set in advance in case errors with types different from packet to packet are detected during reception of packets transmitted consecutively.

20. (Original) A communication control apparatus according to claim 18 wherein:
said transmission control unit adds information indicating a type of a packet to be transmitted to said packet; and
only when said reception-history control means detects a last one of packets with the same type transmitted consecutively does said reception control unit carry out reception processing.
21. (Original) A communication control apparatus according to claim 18 wherein said reception-history control means sets said sequence number of transmission included in a received packet into said reception-count counter if no error is detected in said received packet.
22. (Original) A communication control apparatus according to claim 18 wherein said reception-history control means increments a count value of said reception-count counter if an error is detected in a received packet by said frame-check-sequence examining means.
23. (Original) A communication control apparatus according to claim 18 wherein, if a next packet is not received even after a predetermined period of time has lapsed since said reception control means receives a packet with a sequence number of transmission indicating that said packet is not the last one among packets consecutively transmitted to said reception control means, said reception-history control means regards said received packet as a last one.
24. (Original) A communication control apparatus according to claim 20 wherein, if a packet with a type different from that of a packet received in an immediately preceding reception is received, said reception-history control means regards said packet received in said immediately preceding reception as a last one.
- 25-30 (Cancelled)